

MATERIAL SAFETY DATA SHEET**MANUFACTURER' NAME**

CHARLES PAINT RESEARCH, INC.

2401 E. 85TH STREET

KANSAS CITY, MISSOURI 64132

DATE OF PREPARATION

DECEMBER 1, 2003

SUPERSEDES 12/1/2001 12/1/98 11/1/94

12/1/96

EMERGENCY TELEPHONE NO.

HEALTH EMERGENCIES CALL:

L.A. POISON CONTROL CENTER

(213)664-2121 (24 HOURS)

CHEMTREC (800)424-9300

INFORMATION PHONE NO.

(816)523-7466

SECTION I-PRODUCTION IDENTIFICATION

PRODUCT NUMBER	0-88361-81610-24	HMIS CODE	HEALTH	2
PRODUCT NAME	PASO DEGLOSER-LIQUID SANDER		FLAMMABLE	3
PRODUCT CLASS	SOLVENT-MIXED		REACTIVITY	0
			PERSONAL PROTECTION	G

SECTION II-HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mmHg @ 20 C
			TLV-TWA (PPM)	PEL (PPM)	
LIGHT ALIPHATIC NAPHTHA	64742-89-8	< 61%	300	300	2.0
ISOPROPANOL	67-63-0	< 21%	400	400	2.2
N-BUTYL ACETATE	123-86-4	< 11 %	150	150	1.0
LIGHT AROMATIC NAPHTHA	64742-95-6	< 6 %	50	100	< 1
2-PROPOXY ETHANOL	2807-30-9	< 6%	NE	NE	

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372;

2-PROPOXY ETHANOL	2807-30-9	<6%
N-BUTANOL	71-36-3	1%

THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THE MATERIAL.

SECTION III-PHYSICAL DATA

BOILING RANGE	180-361 DEGREES F	VAPOR DENSITY-	HEAVIER THAN AIR
EVAPORATION RATE - (N BUOAC=1)	1.73	VOLATILE VOLUME	100% WT/GAL 6.53 LBS.
APPEARANCE- THIS PRODUCT IS A CLEAR LIQUID; THINNER ODOR.			
SPECIFIC GRAVITY: (WATER = 1)	0.8164		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION CLASS IB
FLASH POINT =63 F (TCC)
LOWER FLAMMABILITY LIMITS (% IN AIR): 1.41
EXTINGUISHING MEDIA: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS AND COOL CLOSED CONTAINERS. USE FOG NOZZLES IF WATER IS USED. FIRE FIGHTERS SHOULD BE EQUIPPED WITH NIOSH APPROVED AIR SUPPLIED BREATHING MASKS.

UNUSUAL FIRE/EXPLOSION HAZARDS:

KEEP AWAY FROM HEAT AND OPEN FLAME, CLOSED CONTAINER MAY EXPLODE IF EXPOSED TO EXTREME HEAT.

SECTION V-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED FOR MIXTURE, SEE SECTION II.

EFFECTS OF OVEREXPOSURE: INHALATION CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT. MAY ALSO CAUSE DIZZINESS, UNCONSCIOUSNESS OR COMA. CONTACT WITH EYS AND SKIN CAN CAUSE IRRITATION. MAY AGGRAVATE PREEXISTING EYE AND SKIN CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING!

INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPING, GIVE ARTIFICAL RESPIRATION. GET MEDICAL ATTENTION.

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH AFFECTED AREAS WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

WARNING: THIS PRODUCT CONTAINS A DETECTABLE AMOUNT OF A MATERIAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER/BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SECTION VI-REACTIVITY DATA

STABILITY: STABLE X

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

INCOMPATIBILITY:

AVOID CONTACT WITH: STRONG OXIDIZING AGENTS, ACIDS, CHLORINE, ACETALDEHYDE, ETHYLENE OXIDE, ISOCYANATES, ALKALIES, DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120 DEGREES F.

SECTION VII-SPILL OR LEAK PROCEDURES

SPILL, LEAK AND WASTE DISPOSAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.

LARGE SPILLS: ELIMINATE POTENTIAL SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATOR AND OTHER PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH EXPLOSION-PROOF EQUIPMENT. SOAK UP RESIDUE WITH NONCOMBUSTIBLE ABSORBENT SUCH AS CLAY OR VERMICULITE; PLACE IN DRUMS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS IN DRUMS.

SMALL SPILLS: SOAK UP WITH A NONCOMBUSTIBLE ABSORBENT AND PLACE IN DRUMS FOR DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; COLLECT FLUSH SOLUTIONS FOR DISPOSAL.

WASTE DISPOSAL METHODS: DISPOSE OF IN A FACILITY APPROVED UNDER RCRA REGULATIONS FOR HAZARDOUS WASTE. CONTAINERS MUST BE LEAK-PROOF AND PROPERLY LABELED.

SECTION VIII-SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

IF THRESHOLD LIMIT VALUE (TLV) OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONDITIONS. OSHA REGULATION ALSO PERMITS OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER.) ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE. PREVENT OVEREXPOSURE IN ACCORDANCE WITH 29CFR 1910.134.

VENTILATION:

PROVIDE SUFFICIENT GENERAL AND /OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s). USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS BELOW THE TLV. VAPORS ARE HEAVIER THAN AIR, EXHAUST AT FLOOR LEVEL.

PROTECTIVE CLOTHING:

WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

PROTECTIVE GLOVES:

WEAR SOLVENT-RESISTANT GLOVES, SUCH AS PVA OR PE/EVAL.

EYE PROTECTION:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.) DO NOT WEAR CONTACT LENSES BECAUSE THEY MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.

OTHER PROTECTIVE EQUIPMENT:

SOLVENT-RESISTANT BOOTS AND HEADGEAR; SAFETY SHOWER AND EYEWASH.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE AWAY FROM OXIDIZING MATERIALS IN A COOL DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT AND OPEN FLAMES. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT DISPENSING PRODUCT.

DO NOT STORE ABOVE 120-DEGREE F. STORE LARGE AMOUNTS IN STRUCTURES MADE FOR FLAMMABLE LIQUIDS.

WASH UP WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE. ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. VENT CONTAINER FREQUENTLY AND MORE OFTEN IN WARM TEMPERATURES TO RELIEVE PRESSURE. DO NOT USE PRESSURE TO EMPTY THE CONTAINERS. GROUND EQUIPMENT TO PREVENT ACCUMULATION OF STATIC CHARGE. USE ONLY NON-SPARKING TOOLS. DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER.

OTHER PRECAUTIONS:

ENVIRONMENTAL HAZARDS-THIS PRODUCT IS CONSIDERED AN "OIL" UNDER THE CLEAN WATER ACT. KEEP OUT OF SURFACE WATER AND WATERCOURSES OR SEWERS ENTERING OR LEADING TO SURFACE WATERS.

DISCLAIMER:

THE INFORMATION CONTAINED ON THE MATERIAL SAFETY DATA SHEET HAS BEEN COMPILED FROM DATA CONSIDERED ACCURATE. THIS DATA IS BELIEVED TO BE RELIABLE, BUT IT MUST BE POINTED OUT THAT VALUES FOR CERTAIN PROPERTIES ARE KNOWN TO VARY FROM SOURCE TO SOURCE. CHARLES PAINT RESEARCH, INC. EXPRESSLY DISCLAIMS ANY WARRANTY EXPRESS OR IMPLIED AS WELL AS ANY LIABILITY FOR ANY INJURY OR LOSS ARISING FROM THE USE OF THIS INFORMATION OR THE MATERIALS DESCRIBED. THIS DATA IS NOT TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL DATA MAY BE DESIRABLE WHEN PARTICULAR CONDITIONS OR CIRCUMSTANCES EXIST. IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE BEST PRECAUTIONS NECESSARY FOR THE SAFE HANDLING AND USE OF THIS PRODUCT FOR THEIR UNIQUE APPLICATION. THIS DATA RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND IS NOT TO BE USED IN COMBINATION WITH ANY OTHER MATERIAL. MANY FEDERAL AND STATE REGULATIONS PERTAIN DIRECTLY OR INDIRECTLY TO THE PRODUCT'S END USE AND DISPOSAL OF CONTAINERS AND UNUSED MATERIAL. IT IS THE PURCHASER'S RESPONSIBILITY TO FAMILIARIZE THEIRSELF WITH ALL APPLICABLE REGULATIONS.